CONTRACT NO. WO-QSI-179
WEEKLY PROGRESS REPORT

Work Order: Montana DNRC 2018-2019 LiDAR Projects

Submitted by: Quantum Spatial

Prepared by: Ashley Daigle – adaigle@quantumspatial.com – (541) 622-3635

Reporting period: June 1st, 2019 – June 7th, 2019

Report Date: June 7th, 2019

Project Summary:
Acquisition and processing of QL1 and QL2 LiDAR data and deliverables for the 2018-2019 Montana project areas, as well as 3D Building footprints with calculated Lowest Adjacent Grade elevations. The purpose of the resulting dataset is to provide LiDAR and derived products suitable for floodplain mapping and meeting the latest FEMA requirements.

Summary of work completed during reporting period:

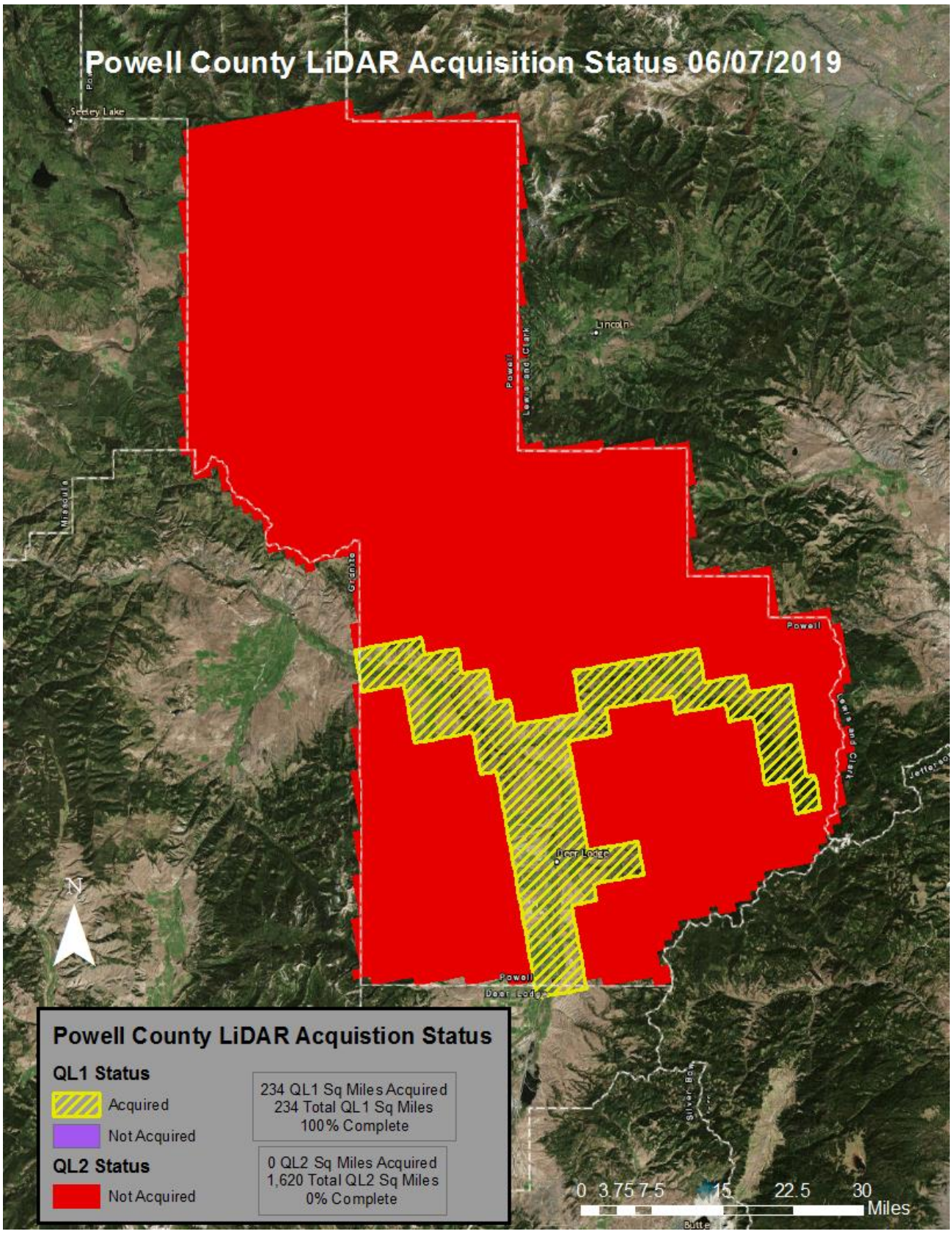
- LiDAR acquisition progress was made in the Powell and Clark Fork Project areas again this week. Updated Acquisition Status Maps are attached below.
- The Powell County QL1 Project Area has been fully completed with this week's flights!
- Data Processing of the Hill, Valley, and Mineral County Datasets continue back in the Corvallis office.
- The Hill County Dataset has passed from Calibration to LiDAR processing to undergo point classification assignment and QC.
- QC of the flown data on Powell, Clark Fork, and Jefferson are ongoing in the Corvallis office.
- Ground survey work for Powell County began on 6/4. The extent of this work is expected to take about a month to complete.

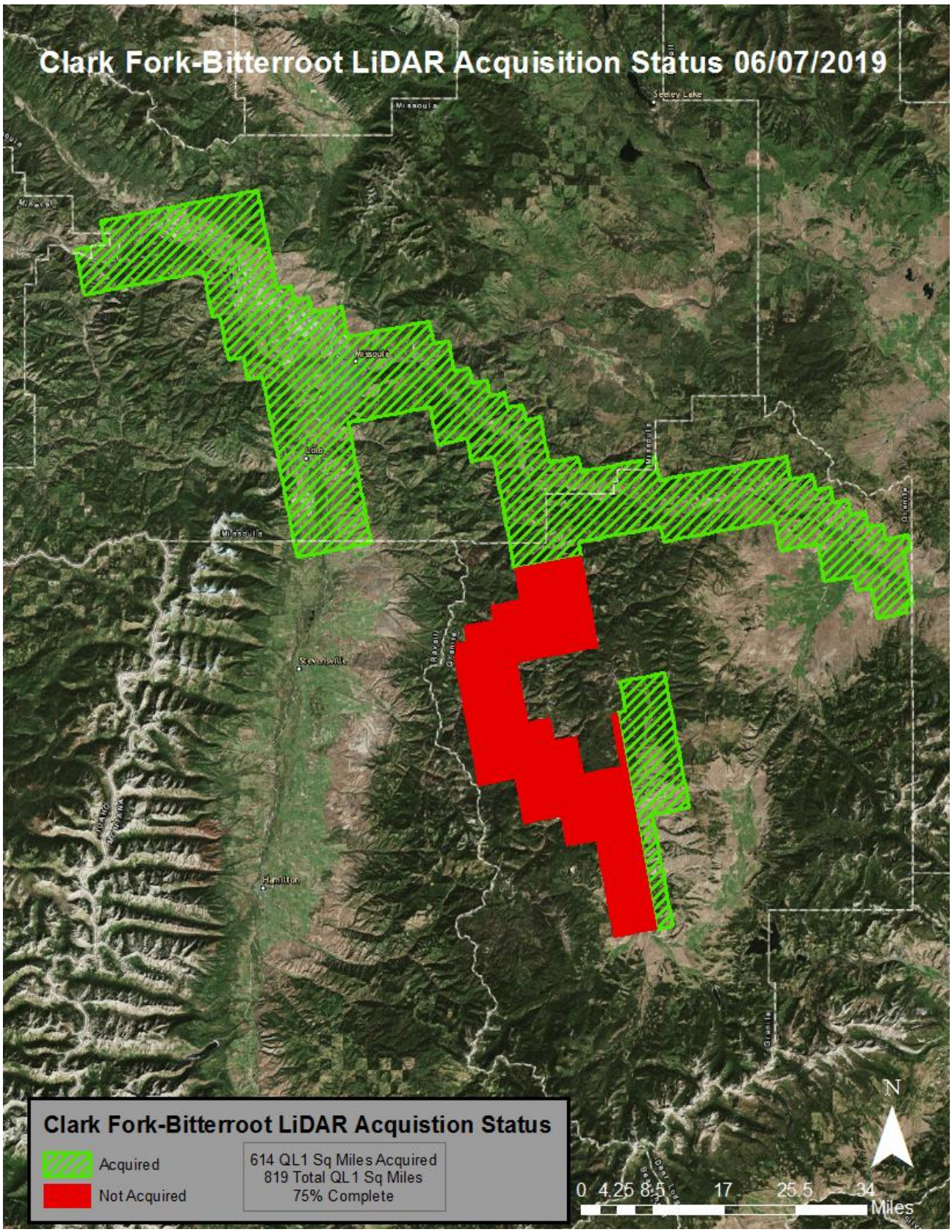
Outstanding issues and concerns:

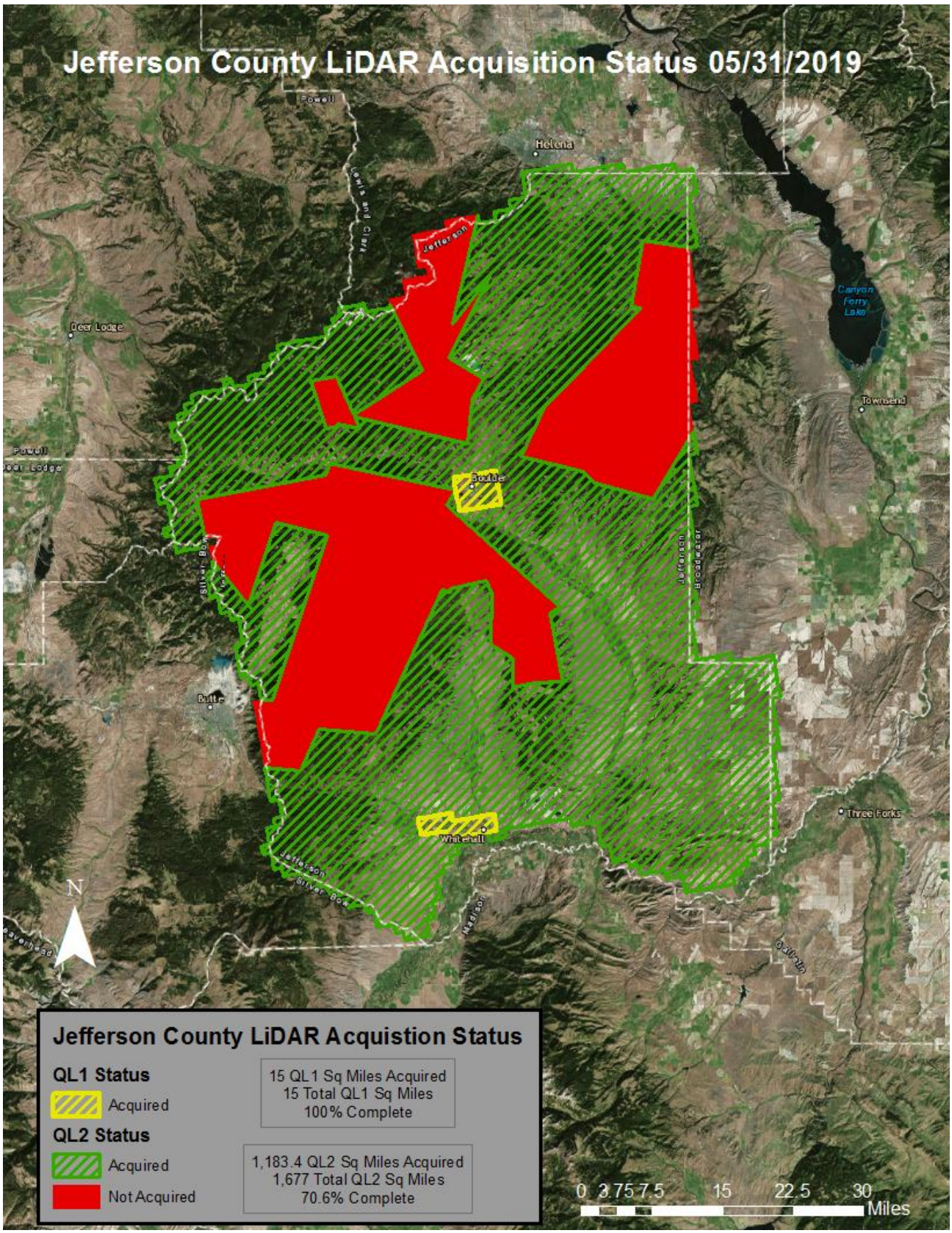
Tasks	Percent Complete	Due	Finish
LiDAR Data Acquisition and Ground Survey [50%]	79%	rolling	
LiDAR Data Processing [50%]	27%	rolling	
Weekly Reports	n/a	Ongoing	

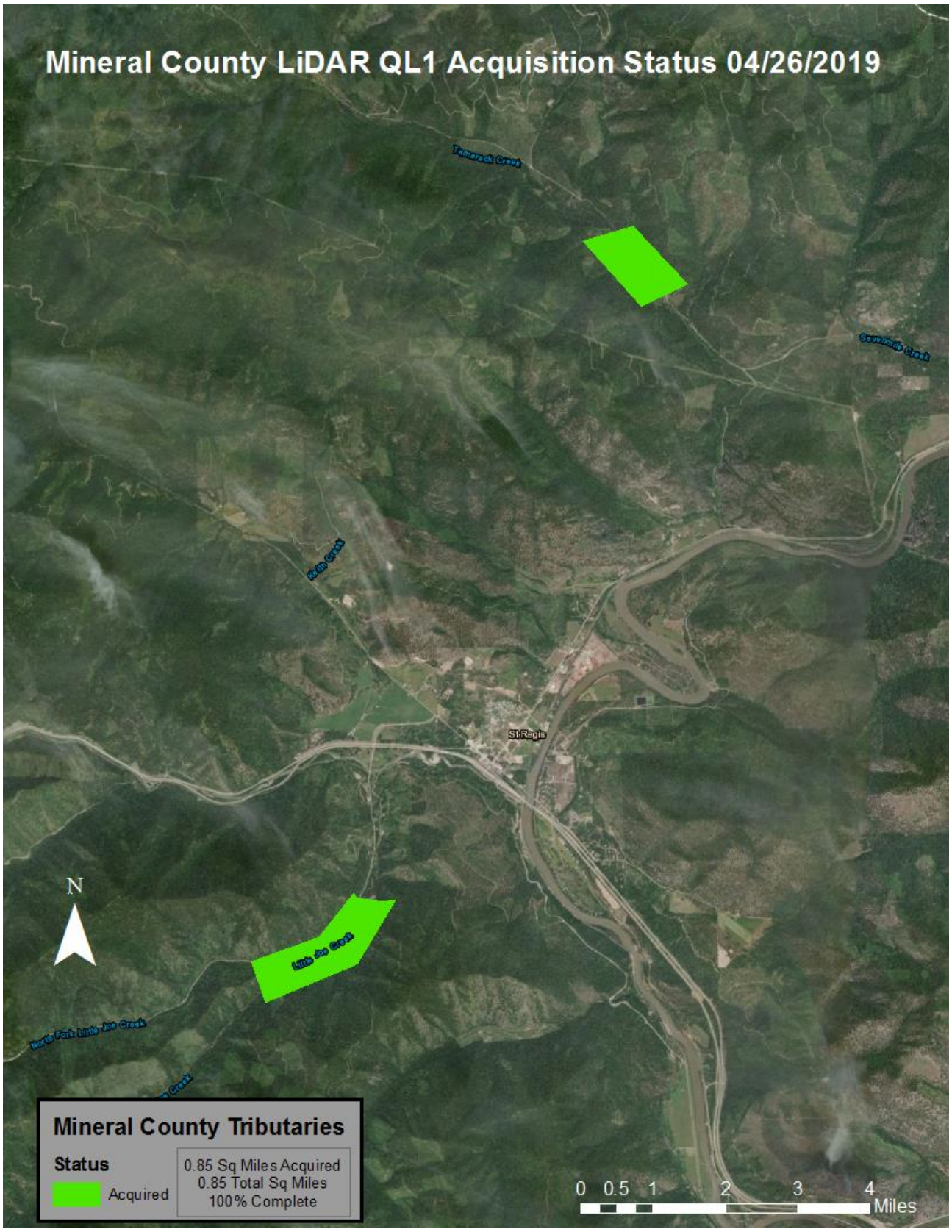
Activities Planned Next Week:

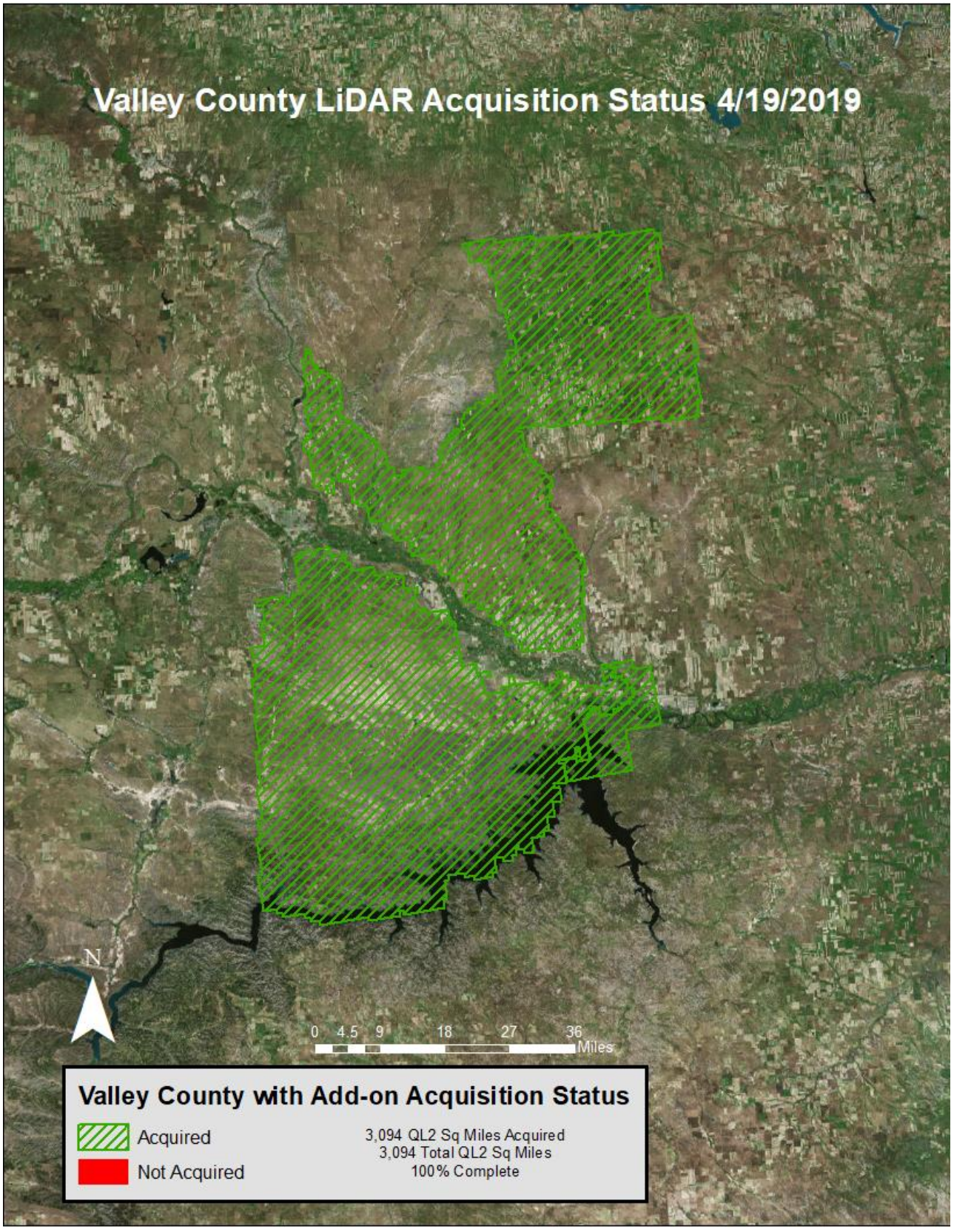
- Continue data processing of the Hill, Valley, and Mineral County LiDAR datasets.
- Continue QC of the Jefferson, Powell, and Clark for Datasets flown so far this Spring.
- Weather permitting, continue progress on the low elevation and snow free areas of Jefferson, Clark Fork, Powell, and Deer Lodge Counties.

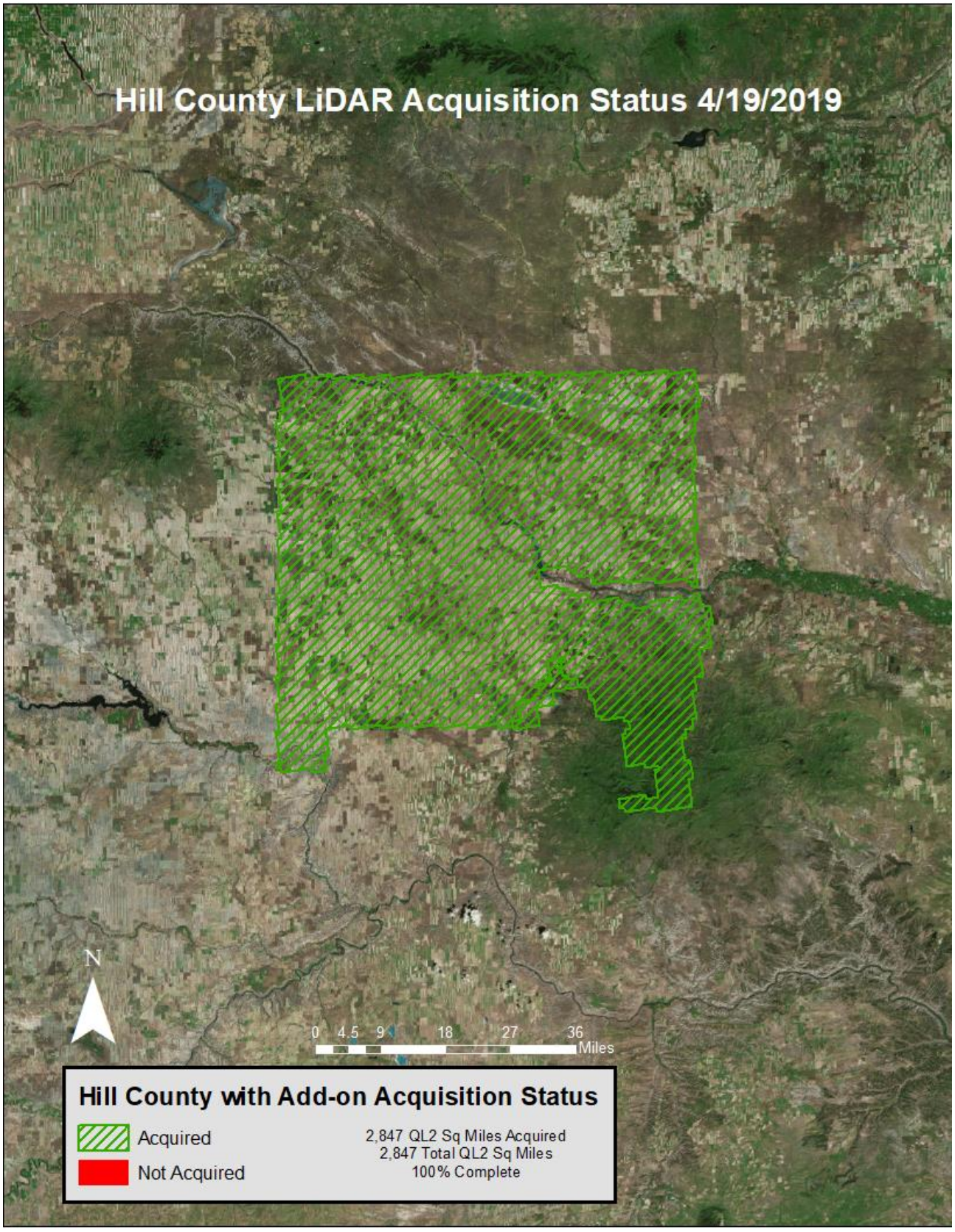

Powell County LiDAR Acquisition Status 06/07/2019
Seeley Lake
Lincoln
Missoula
Granite
Powell
Deer Lodge
Silver Bow
Butte
N
Powell County LiDAR Acquistion Status
QL1 Status
Acquired
Not Acquired
234 QL1 Sq Miles Acquired
234 Total QL1 Sq Miles
100% Complete
QL2 Status
Not Acquired
0 QL2 Sq Miles Acquired
1,620 Total QL2 Sq Miles
0% Complete
0 3.75 7.5 15 22.5 30
Miles


Clark Fork-Bitterroot LiDAR Acquisition Status 06/07/2019
Missoula
Seeley Lake
Lolo
Stevensville
Hamilton
Clark Fork-Bitterroot LiDAR Acquistion Status
Acquired
Not Acquired
614 QL1 Sq Miles Acquired
819 Total QL1 Sq Miles
75% Complete
N
0 4.25 8.5 17 25.5 34
Miles


Jefferson County LiDAR Acquisition Status 05/31/2019
Powell
Helena
Lewis and Clark
Jefferson
Deer Lodge
Canyon Ferry Lake
Townsend
Butte
Silver Bow
Broadwater
Three Forks
Whitehall
Madison
Gallatin
N
Jefferson County LiDAR Acquistion Status
QL1 Status
Acquired
15 QL1 Sq Miles Acquired
15 Total QL1 Sq Miles
100% Complete
QL2 Status
Acquired
Not Acquired
1,183.4 QL2 Sq Miles Acquired
1,677 Total QL2 Sq Miles
70.6% Complete
0 3.75 7.5 15 22.5 30
Miles


Mineral County LiDAR QL1 Acquisition Status 04/26/2019
Tamarack Creek
Seventeen Creek
Keith Creek
St Regis
N
Little Joe Creek
North Fork Little Joe Creek
Mineral County Tributaries
Status
Acquired
0.85 Sq Miles Acquired
0.85 Total Sq Miles
100% Complete
0 0.5 1 2 3 4
Miles


Valley County LiDAR Acquisition Status 4/19/2019
N
0 4.5 9 18 27 36
Miles
Valley County with Add-on Acquisition Status
Acquired
Not Acquired
3,094 QL2 Sq Miles Acquired
3,094 Total QL2 Sq Miles
100% Complete


Hill County LiDAR Acquisition Status 4/19/2019
N
0 4.5 9 18 27 36
Miles
Hill County with Add-on Acquisition Status
Acquired
Not Acquired
2,847 QL2 Sq Miles Acquired
2,847 Total QL2 Sq Miles
100% Complete